SIEMENS

MAMMOMAT 3000

SP

Service

Repair Instructions

Changing pawl for stereo lever

Kit part No.;64 31 709 X041E

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Purpose

The pawl may be replaced for two reasons:

1 wear,

2 to remove a backlash by adding an extra washer, compared to some delivered units.

Tools required

Standard service tools.

Punch set.

17 mm spanner.

General purpose bearing grease.

Loctite 601.

Time require

1 h / 1 person.

Contents of repair kit

Amount	Name
1	Pawl
1	Pin
3	Washers
1	Nut (M6NY)
4	Screws

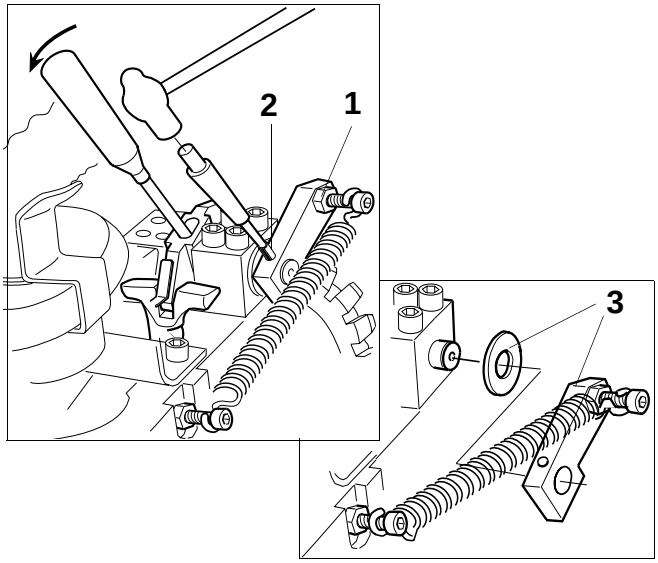
Preliminaries

- Switch the MAMMOMAT ***ON.***
- Turn swivel arm system to -180°.
- Cover the collimator opening.
- Switch the MAMMOMAT ***OFF.***
- Remove the cover (two halves) around the stereo lever.

Dismounting

from spring side:

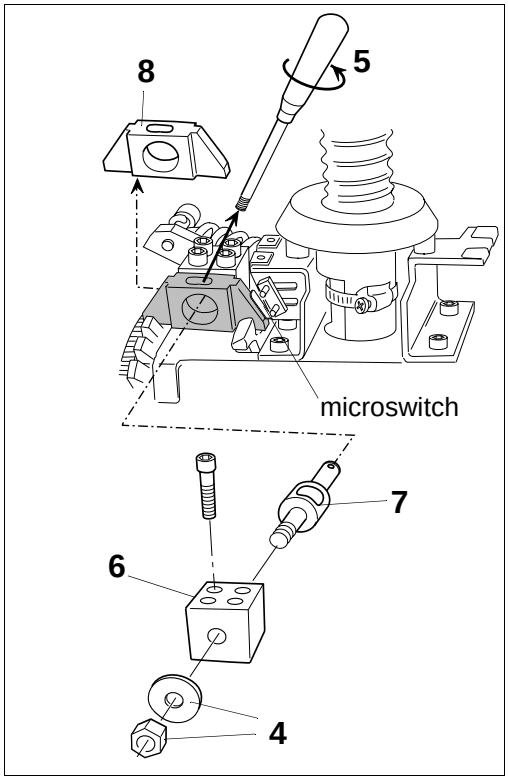
- Attach a 10 mm spanner to the nut (1). With the spanner, move the spring arm until access to the pin is achieved.
- Knock out the pin (2) (∅ 3mm) downwards.
- With the spanner, move the spring arm to slacken the spring.
- Remove the moment arm and the washer (3).



from other side:

- Remove the nut (17 mm spanner) and the washer (4).
- Unscrew the lever (5). It is mounted with locktite 601. Use pliers close to the pawl, so that any scratches will be covered by the covers.
- Remove the support block (6), 4 screws / 5 mm Allen key.

  Do not remove the support block at spring side.
- Pull out the shaft (7).
- Lift up the pawl (8). *Be careful with the microswitch at pawl position!*

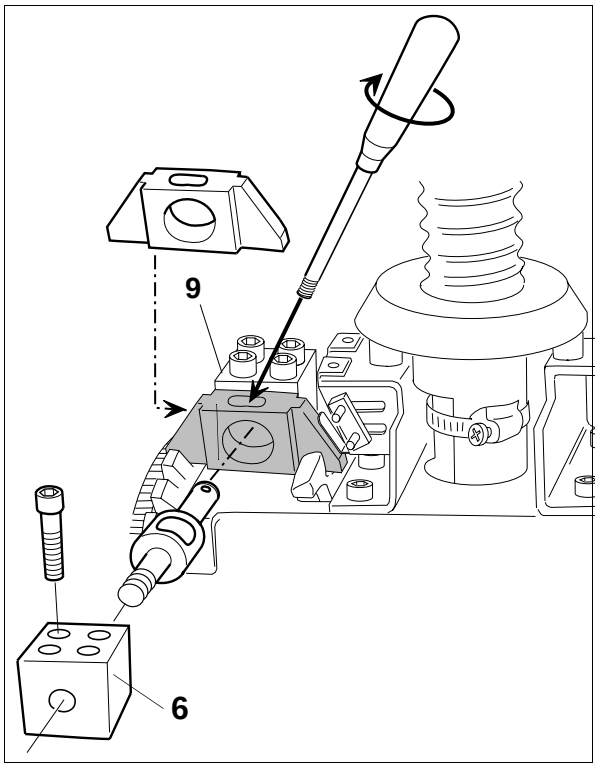


Assembling

CAUTION!

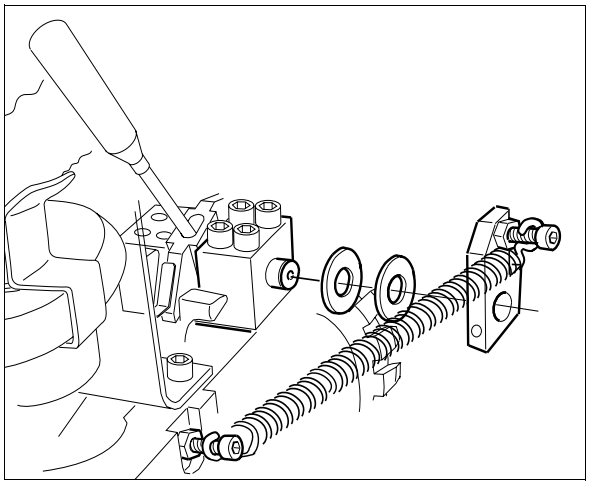
Avoid grease to come into the lever thread since the Loctite require clean surfaces.

- Apply grease on the side of the block (9) and the new pawl and put it in place. *Be careful with the microswitch* .
- Grease the shaft and clean the internal thread of the shaft and push the shaft through the pawl.
- Apply grease on contact surfaces of the support block (6) and mount the block.
- Apply the 4 screws finger tight to fix the support block.
- Clean the thread of the lever. Apply loctite 601 at the lever tread and screw it into the shaft.

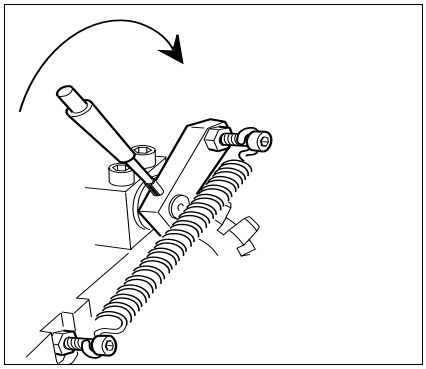


from spring side:

- Place the 2 new washers at the spring arm attachment point.
- Attach the spring arm.

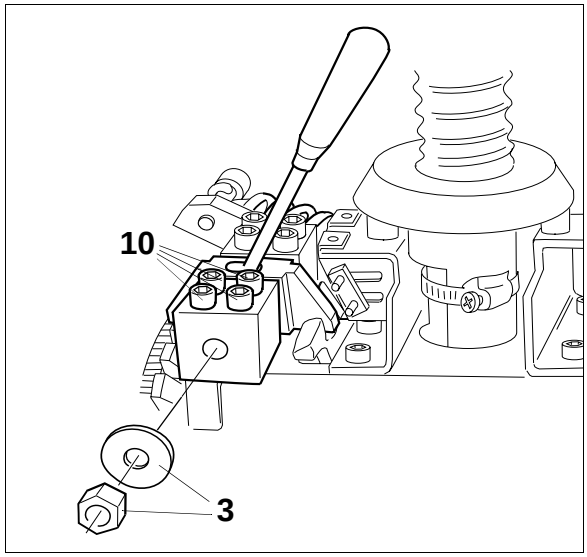


- Attach a 10 mm spanner to the nut on the spring arm.
- Using the spanner, move the spring arm to align the hole in the shaft with the hole in the spring arm with the spring attachment-screw facing the stand.
- Mount the pin.



form other side

- Mount the washer and the nut (3).
- Adjust the friction at the pawl by tightening the nut. The lever shall have friction but shall be possible to move without excessive force.
- Tighten-up the 4 screws (10) at the support block.
- Check that the pawl lever works easy but distinct.
- If necessary adjust with the nut.



Final procedure

- Fit the covers.
- Switch the MAMMOMAT ***ON.***
- Turn swivel arm to 0°.

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